

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. RSW920030104US1

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

36736
PATENT TRADEMARK OFFICE
CUSTOMER NUMBER



Sir:

Transmitted herewith for filing is the patent application of Inventor(s):

ERIK JOHN BURCKART
ARAVIND SRINIVASAN

For: **MULTIDIMENSIONAL HASHED TREE BASED URL MATCHING ENGINE USING
PROGRESSIVE HASHING**

Assignee Name: International Business Machines Corporation
Assignee Residence: Armonk, New York

Enclosed are also:

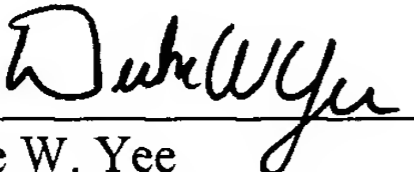
- ☒ 26 Pages of Specification including an Abstract
☒ 6 Pages of Claims (Claims 1 - 20)
☒ 4 Sheet(s) of formal drawings
☒ A Declaration and Power of Attorney
☒ Form PTO 1595 and assignment of the invention to IBM Corporation
☒ Information Disclosure Statement
☒ Form PTO 1449 and References AF - AI

CLAIMS AS FILED

FOR	Number Filed		Number Extra		Rate		Basic Fee (\$750)
Total Claims	20	-20 =	0	X	\$ 18	=	\$0
Independent Claims	3	-3 =	0	X	\$ 84	=	\$0
Multiple Dependent Claims	0			X	\$280	=	\$0
Total Filing Fee							= \$750

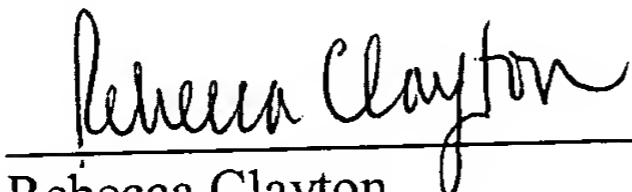
- ☒ Please charge \$750.00 to IBM Corporation, Deposit Account No. 09-0461.
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, Deposit Account No. 09-0461. A duplicate copy of this sheet is enclosed.
☒ Any additional filing fees required under 37 CFR § 1.16.
☒ Any patent application processing fees under 37 CFR § 1.17.

Respectfully,


Duke W. Yee
Reg. No. 34,285
Carstens, Yee & Cahoon, LLP.
P.O. Box 802334
Dallas, Texas 75380
(972) 367-2001

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" mailing label number EV333422384US. Date of deposit September 9, 2003. I hereby certify that the papers or fees listed below are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



Rebecca Clayton

ENCLOSED are the following documents, being sent by "Express Mail":

1. Transmittal Letter in duplicate;
2. Recordation;
3. Assignment (1);
4. Declaration and Power of Attorney (1);
5. Patent Application (26 pgs. spec. & abstract, 6 pgs. Claims 1 - 20);
6. 4 pages of formal drawings;
7. Information Disclosure Statement;
8. Form PTO 1449;
9. References AF-AI; and
10. Two return postcards.